	CONTRACT NO. 666							
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
(27)N: 0 TC-3	MADSHALL	21	4-7					

			F.A.P. RTE.	SECTION	COUNT	Y TOTAL SHEETS	SHEE NO.
			649	(2Z)N & TS-3	MARSHAL	.L 21	17
			STA.		TO STA.		
			FED. R	OAD DIST. NO II	LLINOIS I	FED. AID PRO	JECT
is Department ansportation	SOIL BORING LOG	Page <u>1</u> of <u>1</u>					
of Highways		Date <u>9/21/05</u>					

W S	Illinois Depa of Transporta Division of Highways Illinois Department of Trans	atio	n	t	Troffic	_	OIL BORING LOG			•	<u>1</u>	of <u>1</u> 21/05
ROUTE	FAP 649 17	DES	SCRI	PTION		. Orgin	26	LO	GGE	D BY	<u>Larry</u>	Myers
							4, SEC. 25, TWP. 30, RNG. 10, 4th PM					tic
			D E P	B L O	U C S	M 0	Surface Water Elev. Stream Bed Elev.	ft ft	D E P	B L O	U C S	M 0
Station	1 NW Quad 24+30 50.00ft Lt. ace Elev.	- - - 4	T H	W S	Qu	S T (%)	Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft ft	T H (ft)	W S (/6")	Qu (tsf)	S T (%)
	vn Silty Loam	_ 1ξ	1,-61		,,,,	(.0)	Medium brown loamy fine sand		,	7		
							course gravel up to cobble size. * A cobble sized rock effected the	1e .	_	16 10		2.4

Offset 50.00ft Lt. Ground Surface Elev. ft	(ft)	(/6")	(tsf)	(%)	Upon Completion ft After Hrs ft	(ft)	(/6")	(tsf)	(%)
Augered Brown Silty Loam	l				Medium brown loamy fine sand /		7		
					course gravel up to cobble size.		16		2.4
		_					10		
				-	* A cobble sized rock effected the blow counts at 12.5' to 14' as well		-		
Very Stiff Brown Sandy Loam		3			as at 22.5' to 24'.		10		
(Fine/Very Fine Sand) FILL		3	3.5	6.2	These was no very between		26		3.7
		5	P		There was no recovery between 15' and 19'. Auger cuttings		13 *		
					indicate same material with large				
	5				amount of coarse gravel.	-25			
		10 13		7.1	(continued)		10		4.0
Verry stiff Brown Grey Loam (Mix of sand gravel,silt in clay material		15	3.5	3.3			12		4.0
of said graver, site in oldy material	_	15	3.5 P	3.3	End of Boring		12		
Medium brown loamy fine sand /		1	\		2.1.2 0. 201.1.9		1		
course gravel up to cobble size.	_	9				_	1.		
		6		3.4					
* A cobble sized rock effected the		6]		
blow counts at 12.5' to 14' as well						_			
as at 22.5' to 24'.	10					_30	4		
There was no recovery between		8		2.6			ł		
15' and 19'. Auger cuttings		12		2.0			1		
indicate same material with large amount of coarse gravel.	_	12							
		9							
*		30		3.2			ł		
	-	9 *		3.2			ł		
		3		 			-		
	-15					-35			
		2					1		
	_	12					1		
		14					1		
]		
			1						
		7					1		
	_	10					-		
		12					1		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Departi of Transportati	mer	ıt			OIL DODING	0 100		Page	1	of _1
of Transportati	on			9	OIL BORIN	G LUG		Date	9⁄	21/05
Illinois Department of Transporta					al Borings at intersectio					
ROUTE FAP 649 17 D	ESCR	IPTION		·····	26	L	.OGGE	D BY	Larry	Mye
SECTION (2Z)N&TS-3		LOCAT	ION _	SW 1	1/4, SEC. 25, TWP. 30, RN	G. 10, 4th PM				
COUNTY Marshall DRILLIN	G M	ETHOD		Holle	ow Stem Auger	HAMMER TYPE		ME A	utoma	tic
STRUCT. NO.	D	В	U	м	Surface Water Elev	ft	D	В	U	М
Station	E	L	C	0	Stream Bed Elev.	ft	E	L	C S	0
BORING NO. 2 SW Quad	T	w	3	s	Groundwater Elev.:		17	w	3	s
Station 24+47	Н	S	Qu	Т	1	ft	н	s	Qu	T
Offset 80.00ft Rt.					Upon Completion	ft				
	(ft)	(/6")	(tsf)	(%)	After Hrs	ft	(ft)	• •	(tsf)	(%)
Augered brown Silty Loam		_			Medium Brown Loan Course Gravel up to		_	9		
		-			(High course gravel co			7		4.8
		-			(continued)	•	\dashv	•		
		1								
Very stiff brown Sandy Loam.		5								
(Fine to very fine sand). Fill?		3	2.0	5.0						
		4	P							
		-				•	_			
		10	<u> </u>		-		25	7		
Hard Brown Loam (mix of sand,		15					_	17		4.0
gravel, cobble, silt in clay matrix).		12	 	8.0	-			10		
					End of Boring					
Medium Brown Loamy Fine Sand / Course Gravel up to cobble size.							_			
(High course gravel content).		12		3.4						
		8		3.4			-			
	_	+-		 	-		-			
	-10	5					-30			
		3								
		7 8		3.8						
	_	-	ļ	ļ			-			
		1								
	_	12								
		10		4.5						
		10		<u> </u>						
	_	-								
	15	5					_35		-	
	-	9	 	2.9	-		-			
		7								
	_			†			-		1	
]_								
		5		0.5						
		8		3.8			\dashv			
		7		 	-					
		l .	1	1	11				1	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

REVISIONS	
NAME DAT	ILLINOIS DEPARTMENT OF TRANSPORTATION
	COIL DODING LOC
	SOIL BORING LOG
	DRAWN BY
	DATE CHECKED BY